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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Eydelman, et al.

Serial No.: 09/738,235

Filed: December 15, 2000

For: MRI ANTENNA

Group Art Unit: 2862

Examiner: Dixomara Vargas

AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated May 15, 2002, the above identified patent application is being amended as shown in the Clean Version of the Amendments below and the Marked Up Version of the Amendments attached hereto.

**Clean Version of Amendments**

In the Specification

The paragraph on page 10, lines 4-5 has been amended to read as follows:

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The paragraph on page 13, lines 8-13 has been amended to read as follows:

-- Fig. 1 is a plan view of a basic coaxial cable unit 10 of an MRI antenna in accordance with one embodiment of the present invention. The unit 10 comprises an inner conductor 12 and an outer conductor 14 coaxially arranged, as shown in the cross-sectional view of Fig. 2. The inner conductor 12 and the outer conductor 14 are separated by a dielectric material 24, such as Teflon®, for example, forming a coaxial cable unit 10. The coaxial conductors 12, 14 are inductively coupled to each other. Preferably, the inner and outer conductors 12, 14 are tightly coupled to each other. More preferably, they are critically coupled to each other. --

#### REMARKS

##### I. Status of the Claims

Claims 1-18, 22-26, 30-36, 61-70 and 86 are pending. Claims 19-21, 27-29, 37-60, 71-85, 87 and 88 have been withdrawn from consideration by the Examiner. The restriction requirement in the Office Action dated January 1, 2002 has been made Final. Claims 1-18, 22-26, 30-36, 61-70 and 86 have been provisionally rejected under 35 U.S.C. Section 101 for double patenting.

##### II. Amendments to the Specification and Claims

The paragraph on page 10, lines 4-5, in the Brief Description of the Drawings, has been amended to delete numeral "10". The paragraph on page